

Title (en)

Device for weighing and emptying large capacity containers

Title (de)

Vorrichtung zum Wiegen und Entleeren von Grossraumbehältern

Title (fr)

Dispositif pour le pesage et vidage de récipients de grande capacité

Publication

EP 0588272 B1 19961023 (DE)

Application

EP 93114646 A 19930912

Priority

DE 4231211 A 19920918

Abstract (en)

[origin: EP0588272A1] In a device for emptying large-capacity containers, whereby the weight of the large-capacity containers can be determined with little or no measuring error, each pivot arm (6a, b) has a first arm part (9a, b) articulated on the collection container (2) and a second arm part (12a, b) carrying the receiving device (17a, b), the second arm part (12a, b) at least partially receiving the first arm part (9a, b) within itself and at least two measuring sensors (22-25) being arranged in the second arm part (12a, b), on which two arm parts (9a, b, 12a, b) in each case are fixed. On each measuring sensor (22-25), at least one measuring element (40a - d) is arranged in such a way that the measuring direction (41) of the measuring element (40a - d) coincides with the vertical for a predetermined pivot angle $s > 0$ of the pivot arms (6a, b). All measuring sensors (22 - 25) are connected to a common weight evaluation device (45). <IMAGE>

IPC 1-7

B65F 3/04; **G01G 19/08**

IPC 8 full level

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CPC (source: EP)

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Cited by

CN106840339A; FR2794239A1; GB2335049A; GB2335049B; US6236000B1; WO9821555A1

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